Vol. XI. 1957. No. 1—6

SYDOWIA

ANNALES MYCOLOGICI

EDITI IN NOTITIAM SCIENTIAE MYCOLOGICAE UNIVERSALIS

BEGRÜNDET VON H. SYDOW,

NEU HERAUSGEGEBEN UND REDIGIERT

VON

F. PETRAK

UNTER MITWIRKUNG VON: DR. S. AHMAD (LAHORE, PAKISTAN), PROF. DR. S. R. BOSE (CALCUTTA), DR. H. BREMER (NEUSS, DEUTSCHLAND), PROF. DR. R. CIFERRI (PAVIA), DR. COOKE WM. BRIDGE (CINCINNATI, OHIO, U.S.A.), DR. F. C. DEIGHTON (NJALA, SIERRA LEONE), DR. CH. DRECHSLER (BELTSVILLE, MD. USA), PROF. DR. E. GÄUMANN, (ZÜRICH), DR. HANSFORD, C. G. (ADELAIDE, S. AUSTRALIA), PROF. DR. KARLING J. S. (LAFAYETTE, IND., U.S.A.), DR. J. C. LINDQUIST (LA PLATA, ARGENTINIEN), DR. E. MÜLLER (ZÜRICH, SCHWEIZ), DR. A. PILÁT (PRAHA, ČSR.), PROF. DR. T. SAVULESCU (BUCURESTI), DR. R. SINGER (TUCUMAN, ARGENTINA), PROF. DR. A. H. SMITH (ANN ARBOR, MICH. USA), DR. M. J. THIRUMALACHAR (MALLESWARAM, BANGALORE, INDIA), PROF. DR. L. WEHMEYER (ANN ARBOR, MICH. USA.).

ELFTER JAHRGANG — 1957

ABGESCHLOSSEN AM 30. JUNI 1958

VERLAG VON FERDINAND BERGER, HORN, N.-Ö., AUSTRIA

Druck von Ferdinand Berger, Horn (N.-Ö.)

Inhalt (Band XI.)

1. Originalarbeiten.

Seite

Butin, H., Über zwei Arten der Gattung *Cryptodiaporthe* Petr. und ihre zugehörigen Nebenfruchtformen 27
Ciferri, R., Osservazioni intorno a tre fungilli dell'Olivo 282
— e Montemartini, Revisione del genere *Cytosporina* e sistemazione di *C. citriperda* Camp. 296
Deighton, F. C., Five new Meliolas from South-East Asia 40
— New African *Meliolaceae* — II. 93
Gremmen, J., Über einige Discomyceten und ihre Beziehungen mit Konidienformen 290
Hansford, C. G., Tropical Fungi — VIII. 44
Jung, J., Über die Nebenfruchtform von *Arthonia culmicola* . . . 138
Kuchar, K. W., Untersuchungen über den Einfluss der Bakterien auf die Sauerstoffschichtung in Kleingewässern 327
Kurz, W. G., Der Einfluss einer Anzahl Aminosäuren auf die Biosynthese von Vitamin B_{12} durch *Streptomyces griseus* N_2C_5 389
Müller, E., Systematische Bemerkungen über einige *Venturia*-Arten 79
— Die Gattung *Eupropolella* v. Höhn. 130
— Pilze aus dem Himalaya I. 454
— & Baumeister, G., Kulturversuche mit drei *Cucurbitaria*-Arten 70
— & Loeffler, W., Über die Gattung *Clathridium* (Sacc.) Berl. 116
Petrak, F., Cornelius Lott Shear. 1865—1956 1
— Richard Picbauer. 1886—1955 18
— Kleine Beiträge zur orientalischen Uredineenflora 273
— Beiträge zur Kenntnis der auf *Crucianella* vorkommenden Arten der Gattung *Puccinia* 311
— Über die *Septoria*-Arten auf *Geranium* 323
— Mykologische Bemerkungen 83.—130. 337
— Über die auf *Aconitum* vorkommenden Arten der Gattung *Septoria* 375
— Über die Gattungen *Guignardia* Viala et Ravaz und *Discosphaerina* v. Höhn. 435
Pilat, A., *Paxillus ionipus* Quél. in Böhmen 76
Rupprecht, H., Beiträge zur Kenntnis der Fungi imperfecti . . . 121
— Beiträge zur Kenntnis der Fungi imperfecti II. 424
Selli, M. und Düskün, F., Züchtung von Mycorrhizapilzen von *Sempervivum tectorum* auf künstlichen Nährböden 315
Singer, R., New and Interesting Species of Basidiomycetes V. . . . 141
— New Genera of Fungi X. — *Pachylepyrium* 320
— Fungi mexicani. Series prima — *Agaricales* 354
Smith, A. H. & Singer, R., The Genus *Galerina*: An Outline of its Classification 446
Stadelmann, E., Der Teepilz. Eine Literaturzusammenstellung . 380
Vörös, J., Fungi imperfecti aus Ungarn I. 133
Neue Literatur 473
Berichtigung 488

II. Namensregister.

Verzeichnis der in den Originalarbeiten vorkommenden Pflanzennamen.

Neue Gattungsnamen sind gesperrt gedruckt.

Den neuen Arten ist der Autorname beigefügt.

Acanthostigma floridensis Hansf. 64
— lantanae 65
Acaulium albo-nigrescens 288
Acetobacter xylinum 380
Acremoniella atra 137
Acremonium 287
— atrum 287
Acrostalagmus 287
— albus 287
— cinnabarinus 136
Actinonema ulmi 90
Agaricaceae 361
Agaricales 354
Agaricus Trib. Galera 446
— adustus densifolius 147
— alboniger 149
— angustatus 173
— arvensis 374
— badipes 365
— bambusigenus 373
— cyanoxanthus 172
— fragilis 238
— furcatus 172
— furcatus var. heterophyllus 173
— rosaceus 243
— sanguineus 243
— viridescens 172
— vittaeformis 446
Agrocybe fimicola 373
— retigera 373
— xuchilensis (Murr.) Sing. 361
Alcaligenes 332
Allantozythia kochiae 347
Amanita 354
— caesarea 373
— calyptratoides 374
— chloriosma 197
— inaurata 374
— magnivelaris 373
— muscaria 374
— muscaria ssp. flavivolvata 374
— rubescens 373
Amazonia erythroxyli Hansf. 46
Amerosporium atrum 135
Amphisphaeria 337, 464
Amphisphaeria hypoxylon 337
Anellaria semiovata 374
Antennaria elaeophila 282, 283
Aphanostigme vanderystii Hansf. 65
Apiospora camptospora 338
Armatella tetradeniae Hansf. 45
Arrhenia 77
Arthonia 139
— culmicola 138, 140
Ascocalyx 290
— abietis 290
Ascochyta aloides Ruppr. 424
— callistea Ruppr. 127
— dipsaci f. diplodina Ruppr. 424
— Hupkei Ruppr. 121
— Ludwigii Ruppr. 121
— rudbeckiae f. diplodina Ruppr. 425
Ascospora epilobii 86
Asterella 87
— chamaenerii 87
Asteridiella casimiroae Hansf. 47
— cleistanthi Hansf. 47
— entebbensis var. codiaei Hansf. 47
— leeicola Hansf. 48
— marcgraviicola Hansf. 48
— olmediae Hansf. 48
— salaciae-erectae Deight. 93
— simarubicola Hansf. 49
— soyauxiae Deight. 93
— uncariicola Hansf. 49
— vacciniicola Hansf. 49
— vismiae Hansf. 50
— vismiicola Hansf. 50
— voacangae Deight. 94, 95
Asterina epilobii 86
Asterolibertia thaxteri Hansf. 63
Asteroma epilobii 86
— maculare 90
— Pringlei 347
— ulmi 90
Asteromella 341, 436, 443, 444
— anthemidis Ruppr. 426
— austriaca (Sacc.) Ruppr. 426

Asteromella castanicola (E. et E.) Petr. 341
— dentariae (Kab. et Bub.) Ruppr. 122
— eupatoriicola (Kab. et Bub.) Ruppr. 122
— Gorholtii Ruppr. 122
— hederacea Petr. 348
— lathyri-silvestris Ruppr. 123
— praetervisa Ruppr. 122
— scrophularina (Karst.) Ruppr. 426
— stemmatea 436
Asterula epilobii 86
Aulographum 338
— panici-maximi 338
Aureobasidium pullulans 282, 283, 289

Bacillus aquatilis 335
— annulatus 335
— fusiformis 334
— megaterium 334, 397
— sphaericus 334
— vulgaris 335
— Zopfii 335
Bacterium brunneum 334
— caeruleum 334
— cloaceae 334
— disciformans 334
— xylinum 380
Baeumleria Pringlei (Peck) Petr. 348
Baeospora myriadophylla 359
Beauveria Bassiana 136
Bolbitiaceae 361
Boletaceae 370
Boletus edulis ssp. clavipes 373
— satanas 148
Bondarzewia montana 370
Bothrodiscus pinicola 290
Botryodiplodia 348, 440
— gleditschiae 136
— jasminicola 349
— syconophila 348
Botryosphaeria 438, 439, 440, 441, 442, 443, 444
— Bidwellii (Ell.) Petr. 440
— festucae 439
— Hofmannii 439
— weigeliae 439
Botryosphaeriaceae 455
Botryosporium diffusum 136
Botrytis elliptica 136
Brachysporium trifolii 352
Brunchorstia 293
— destruens 293
— laricina 293
— pinea 293, 306
Byssochlamys fulva 288

Cainia 463
— deutziae E. Müll. 463
— graminis 463
— incarcerata 463
Colonectria 288
Camarosporium 70
— coluteae 73, 74
— cytisi 73, 74
— laburni 73, 74, 75
Carlia 435, 436, 437
Cenangium 290
— abietis 291
— acicolum 291
— ferruginosum 291
— populinum 37
— populneum 37, 38
Ceratostoma 285
Cercospora Bremeri 353
— mori 358
— Snelliana 353
Chondroplea populea 32, 33
Chondropodium 292
Chorostate populea 31
— salicella 32
Cicinnobella Brenesii 338
Ciliochorella mangiferae 348
— parasitans (B. et Br.) Petr. 338
Cladosporium fumago 282, 283
Clasterosporium mori 353
Clathridium 118
— massarinum 118
— strobiligenum Müll. 118
— symphoricarpi 118
Clitocybe infundibuliformis 373
Clitopilus septicoides 373
Clypeopatella Ludwigii Ruppr. 123
Clypeosphaeria 466
Coccomyces triangularis 346
Coleophoma asari Ruppr. 121, 124
Coleroa 88
— alni 89
— chaetomium 89
Colletotrichella periclymeni 444
Colletotrichum lineola 136
— nigrum 136
Collybia alkalivirens 357
Colpoma 346
— quercinum 346

Colpoma triangulare (Schw.) Petr. 346
Coniophora 78
Coniophoraceae 78
Coniothyrium 425
— kochiae 135
— parasitans 337
Conocybe mazatecorum Sing. 262
Copelandia caerulescens 361
— Westii 361
Coprinaceae 361
Coprinus comatus 373
Cordyceps 354
Corollium 288
— dermatophagum 289
Cortinariaceae 363
Cortinarius 448
Corynebacterium helvolum 334
Coryneum elaeagni 352
— salicis 428
Crepidotaceae 368
Crepidotus 77
— cristulatus Sing. 369
Crinipellis phyllophila Sing. 358
Crumenula 290
— abietina 293
— laricina 293
— pinicola 291
— sororia 291
Cryptoascus 286
— oligosporus 282, 284, 285, 286, 289
Cryptodiaporthe 27, 30, 32
— populea (Sacc.) Butin 31, 32, 33, 34, 35, 36, 38
— populina 30, 34
— salicella 30, 32, 38
— salicina 29, 30, 32, 33, 34, 35, 36
Cryptosphaeria eunomia 305
— fraxini 305
— millepunctata 305
Cryptospora populina 31, 34, 38
— salicella 32
Cryptosporella hypodermia 297
— populina 31, 34
Cryptosporium coronatum 38
— euphorbiae 348
Cucurbidothis pithyophila 346
Cucurbitaria 352
— agaves 344
— spartii 72, 73, 74
Curreyella 115, 118
— Rehmii 118
— symphoricarpi 118
Cystoderma granulosum 361
Cytospora 296, 298, 300, 302
Cytospora Acharii 302
— chrysosperma 135
— juglandicola 296, 298
— microspora 135
— salicis 135
Cytosporella populi 32
Cytosporina 296, 298, 300, 302, 310, 429, 433, 434
— abietina 307
— abietis 304, 305
— Acharii 304, 305
— adophiae 305
— ailanthi 303, 305, 307
— aspera 307
— brunnea 301, 302, 304
— Bulliardii 305, 307
— citriperda 307, 309
— cocoes 307
— crataegi 303, 305
— — var. corylina 305
— equiseti 306
— Feurichii 304
— flavovirens 305, 306
— fraxini 305, 307
— fusarium 307
— glaucescens 308, 309
— halimi 306
— heteracantha 300, 302, 305, 307
— hysterioides 306
— juglandicola 296, 297, 298
— lata 305, 307
— leucomyxa 307
— loanensis 305
— lonicerae 306
— ludibunda 297, 298, 302, 303, 304, 305, 308, 309
— millepunctata 305, 306
— milliaria 305, 307
— moricola 304
— myriocarpa 305
— notha 304, 305
— parkinsoniae 307
— peregrina 307
— persicae 307
— pircuniae 307
— quercina 305
— quercus 307
— ramealis 306
— rhodii 305, 307
— ribis 306
— rostrata 307
— rubi 306
— salicis 304
— salsolae 307

Cytosporina sapii 307
— septospora 306
— Serebrianikowii 306
— sorbi 304
— Spegazzinii 307
— staphyleae 306
— stellulata 306
— strongylodontis 307
— subclypeata 306
— syringae 305
— Unamunoi 307
— yerbae 304
Cytotriplospora pini 433, 434

Dendrophoma pulvis pyrius 432
Depazea epilobii 86
— systema solare 80
Diaporthaceae 468, 469
Diaporthe 32, 305
— hystrix 305
— populea 31
— populina 31, 34
— salicella 32
— salicella var. Populi-Tremulae 32
— spina var. apiculata 34
Diatrypella quercina 305
Didymella 442, 443
Didymosphaeria 462
— albescens 348
Digitosporium piniphilum 291
Dimerium 67, 337
— advenum 337
— hypoxylon (E. et E.) Petr. 338
Diplodia 70, 74, 75, 293, 294, 349
— Griffoni 135
— jasminicola 349
— juglandis 136
— mori 136
— rudis 75
Diplodina polygonati Ruppr. 124
— ranunculi Ruppr. 124
Discella carbonacea 29, 32, 33, 35
Discosia nobilis 348
Discosphaerina 438, 440, 441, 442, 443, 445
— discophora 440
— euganea 443
— latemarensis (Müll.) Petr. 444
— serratulae 444
— Steppani 440
— stromatica 444
Discosporium oenotherae Ruppr. 427
Discostroma 118
— Rehmii 118
Discostromella hysterioides 136
Dothichiza 28, 38
— populea 27, 28, 29, 33, 34, 35, 37, 38
Dothidea angelicae 340
— epilobii 86
— heraclei 340
— Johnstonii 86
— maculiformis 85
— ribesia 116, 117
— tetradeniae 45
Dothidella 87, 338, 340
— adusta 87
— heucherae 338
— janus 340
Dothiora 461
Dothiorella 348, 440
— clavigera Ruppr. 125
— crastophila 348
— populea 31, 34
Dumortiera 296
— siliquastri 296
Durandiella 290, 292

Epicoccum purpurascens 137
Eriosphaeria 341
— herbacea 341
— macrospora 341
Escherichia coli 389, 390, 394, 397, 401, 402, 414
Euglena gracilis 394
Eupropopella 131
— vaccinii 132
Euryachora epilobii 86
Eutypa 297, 300
— Acharii 305
— flavovirens 305
— heteracantha 305
— lata 305
— milliaria 305
— rhodii 305
Eutypella ailanthi 305
— stellulata 306
Excipula serratulae 444

Flammulina velutipes 374
Flavobacterium 332
Fumago citri 282, 283
— oleae 282, 283
— salicina 282
Fusariella atrovirens 137
Fusarium 286
Fusicoccum populinum 32, 33, 34
— putrefaciens 292
— tanaense 348

Galera 446
— clavata 447
— fragilis var. clavata 447
Galerina 446, 448
— sect. Calyptrospora Smith et Sing. 447, 448
— sect. Galerina 447, 452
— — stirps Minima 452
— — stirps Vittaeformis 452
— sect. Mycenopsis Smith et Sing. 447, 448
— — subsect. Bulluliferinae 448
— — subsect. Mycenopsidae Smith et Sing. 448, 449
— — — stirps Hypnorum 450
— — — stirps Mycenopsis 450
— — — stirps Sphagnorum 450
— — — Tibiicystidiae Smith et Sing. 448
— — — stirps Sideroides 449
— — — stirps Tibiicystis 449
— — — stirps Triscopa 449
— sect. Naucoriopsis 447
— sect. Naucoriopsis stirps Autumnalis 451, 452
— — stirps Cedretorum 452
— — stirps Marginata 451, 452
— sect. Physocystis Smith et Sing. 447, 451
— sect. Porospora Smith et Sing. 447, 450
— sect. Pseudotubaria Smith et Sing. 447, 453
— Atkinsoniana 364, 365
— badipes 365, 366
— bryophila (Murr.) Smith et Sing. 449
— bullulifera 450
— cedretorum 366
— cerina 448
— clavata 446
— dimorphocystis var. nexapensis 366
— fibrillosa 451
— graminea 446, 449
— heterocystis (Atk.) Smith et Singer 447
— hypnicola (Karst.) Smith et Sing. 450
— hypnorum 450
— latispora 366
— mammillata (Murr.) Smith et Sing. 449
— marginata 451
Galerina mexicana 366
— mycenopsis 448
— nana 452
— pellucida (Murr.) Smith et Sing. 449
— pistillicystis (Atk.) Smith et Sing. 449
— pruinatipes 451
— Sahleri 448
— stagnina 451
— stylifera (Atk.) Smith et Sing. 449
— tibicystis 448
— vittaeformis 365
Galerula heterocystis 446, 447
— pistillicystis 449
— stylifera 449
Gerronema icterinum 373
— subchrysophyllum (Murr.) Sing. 357, 368
Gloeosporidiella hyperici Ruppr. 125
— salicis 136
Gnomonia 345, 468
— apiculata 34
— grewiae (P. Henn.) Petr. 345
— salicella 32, 34
— Sanwalii E. Müll. 466
Gnomoniopsis 468
Gomphidius vinicolor ssp. californicus 146
— — jamaicensis 146
Godronia 290
— cassandrae 292
— urceolus 292
Graphiola 349
— phoenicis 349
Griphosphaerioma 115, 118
— symphoricarpi 118
Guignardia 435, 436, 437, 438, 439, 440, 441, 442, 443, 444
— aesculi 444
— alnea 437
— atropurpurea 341
— Bidwellii 435, 444
— carpinea 437
— carpogena 444
— citricarpa 444
— cytisi 443
— latemarensis 444
— minuta 444
— multipunctata 341
— populi 445
— punctiformis 341

Guignardia punctoidea 437
— rhodora 444
Guignardiella 343
Gymnopilus 321
— aff. bellulus 366, 367
— microsporus 367
Gyrodon monticola 370

Haplosporella syconophila 348
Helminthosporium 353
— botryosum 137
— dorycarpum 94, 96, 97
Helotiales 131
Hemidothis 349
— miconiae 349
— palmarum 349
— pellitiformis 349
Hendersonia coluteae 74
Heteropatella 318
— lacera 136
Hohenbuehelia angustata 373
Homostegia Kelseyi 16, 118
Hormiscium 283
— oleae 282, 283, 289
Hormodendron pedrosoi 288
Hyalomeliolina linderi Hansf. 66
Hygrophoraceae 355
Hygrocybe conica 374
— firma (Corner) Sing. 355
— psittacina 373
— Singeri (Smith et Hesler) Sing. 355
Hygrophoraceae 145
Hygrophoropsis aurantiaca 374
— lapinia 370
Hygrophorus 145
— firmus 355
— Singeri 355
Hypomyces 288
— lactifluorum 373
Hypospilina 469, 470
— bifrons 469
— salicina E. Müll. 468
Hypoxylon 337, 466
Hysterium heveanum 346
— pulicare 346

Inocybe 452
— jalapensis (Murr.) Sing. 363
Irenina cleistanthi 47
Irenopsis aburiensis Deight. 95
— aristolochiella Hansf. 46
— coliicola 97
— leptonychiae Deight. 96
— media Deight. 96
— nesogordoniae Deight. 97
Irenopsis njalaensis 97
— oreocnidae Hansf. 46
— triaspidis Deight. 98

Jahnula 337
— parasitica 337

Kabatia lonicerae 444
Konenina 466
Kuhneromyces 320, 321
— alpinus 321
— carbonicola 320

Laccaria laccata 355
— ohioensis 356
— tetraspora 356
Lactarius Sect. Albati 146
— camphoratus 145
— deliciosus 373
— indigo 372, 373
— piperatus 146
— salmonicolor 373
— scrobiculatus 374
— volemus 185, 189
Lactobacillus lactis 390, 397
— Leichmannii 389, 394, 401, 402, 414
Lactocollybia aurantiaca 357
Laestadia 435, 436, 437, 438
— Bidwellii 435, 436
— epilobiana 86
— multipunctata 341
— systema solare 80
Lasmeniella 351
— globulifera 351
— guaranitica 351
— machaerii 351
Lecanidion 461
Leccinum chromapes 373
— duriusculum 371
Lepista nuda 373
Leptocoryneum salicis (Togn.) Ruppr. 428
Leptosphaeria 340, 348, 376
— salebricola 128
Leptostroma buphthalmi Ruppr. 427
— hypodermoides Ruppr. 428
— scirpinum 428
Leptostromella 343
— umbellata 343
Libertella 296
— ilicis Ruppr. 428
— quercina 429
— ribis 306
Limacella oaxacana Sing. 359
Lopadostoma gastrinum 344

Macrophoma 443
Marasmiellus nigripes 373
— ramealis 373
— subchrysophyllus 357
Marasmius erythrocephalus 358
— haematocephalus 358
Marssonina euphorbiae Ruppr. 125
Massaria 459
— profusa 432
Massarina 459, 462
— himalayensis E. Müll. 461
Massarinaceae 462
Mastomyces Friesii 292
— uberiformis 292
Medusomyces Gisevii 380
Melampsora euphorbiae 273
— Gelmii 273
— lini 274
Melanconium hyalinum 31
Melanomphalia 321
— alpina (A. H. Smith) Sing. 321
— nigrescens 321
— platensis 321
— Smithii 321
Melanopsamma caulincola 342
Melanospora 282, 284, 285, 287, 288, 289
— damnosa 286
— gibelliana 287, 289
— globosa 287
— mangini 286, 288, 289
— mattiroliana 287
— oligospora (Petri) Cif. 286, 287, 289
— rhizophila 285, 286
— stysanophora 287
Melanotus musaecola 373
Meliola acanthacearum var. occidentalis Hansf. 50
— acristae var. cocoes Hansf. 51
— aethiops 41, 99, 100
— — var. longiseta Deight. 98
— anacardii 67
— argentina var. hawaiiensis Hansf. 51
— artocarpicola Hansf. 52
— asclepiadacearum var. brasiliensis Hansf. 52
— baisseae Deight. 99
— banksiae Hansf. 53
— berliniae 100
— — var. densa Hansf. & Deight. 99
— burseracearum var. major Hansf. 53
Meliola caesalpiniae (Hansf. et Deight.) Hansf. et Deight. 100
— caesalpinicola Deight. 40, 41
— canthii 111
— — var. leonensis 111
— capensis var. hughesii Deight. 100
— var. lecamiodisci 101, 110
— var. riparia Deight. 101
— caseariae-arboreae var. jamaicensis Hansf. 54
— clavata var. jamaicensis Hansf. 54
— colae-simiarum Deight. 102
— crotonis-nigritani Deight. 102
— cuscutae Hansf. 55
— cylindrophora 40, 41
— dalbergiae Hansf. 55
— deformis Deight. 102
— desmodii-laxiflori Deight. 103
— — var. crotalariae Deight. 41
— — var. desmodii-laxiflori 41
— elephantopi Hansf. 55
— englerinae Deight. 104
— entadicola Deight. 104, 105
— entadae 105
— erythrinicola Deight. 41
— golaensis Deight. 105
— gouldiae Hansf. 56
— grevilleae Hansf. 56
— grewiicola Hansf. 56
— hannoae Deight. 106
— heliciicola Hansf. 57
— holarrhenicola Deight. 106
— homalii 107
— homaliicola Deight. 107
— homalii-dolichophylli 107
— imperspicua Deight. 107
— koriensis Deight. 108
— kuprensis Deight. 108
— longiseta 58
— lychnodisci Deight. 109
— mitragynicola Deight. 110, 111, 114
— — var. leonensis (Hansf. & Deight.) Deight. 111
— — var. mitragynicola 111
— — ugandensis Deight. 111
— mussaendae-arcuatae Hansf. 57
— palaquiicola Hansf. 58
— papayae Deight. 112
— petraeoviticis Deight. 42
— roureae var. santaloidis Deight. 112
— — var. major 113

Meliola Rechingeri Hansf. 58
— semecarpicola Hansf. 58
— strychni-multiflorae Hansf. 59
— tabernaemonticola var. luzonensis Hansf. 59
— tetradeniae 45
— thalliformis Deight. 113
— — var. naucleae Deight. 114
— thomandersiae Hansf. 59
— tricalysiae Deight. 114
— trifurcata var. philippinensis Hansf. 60
— uncariicola Deight. 42
— voacangae 94, 95
— voacangicola Hansf. 60
— walsurae Hansf. 61
— wardii var. minor Hansf. 61
— — var. tabernaemontanae Hansf. 61
— wikstroemiicola Hansf. 62
— wismarensis var. besleriae Hansf. 62
— woodiana 114
— xylopiae var. leonensis Hansf. 62
Melogramma Bulliardii 305
Metasphaeria 340
— apiculata 32
— massarina 117, 118
Microascus 288, 335
Microxyphium 283
Monacrosporium oxysporum 136
Monilia sitophila 136
Mycarthonia 139
— culmicola 140
Mycena pura 359, 373
— violacella 359
Mycophaga guianensis 66
Mycosphaerella 340, 341, 342, 376, 436, 437, 442, 443
— allicina 340, 341
— angelicae 340
— conglomerata 340
— cornicola 342
— heraclei 340
— heucherae (E. et E.) Petr. 340
— janus (B. et C.) Petr. 340
— Killiani 340
— maculiformis 340
— oedema 340
— podagrariae 340, 341
— polyspora 436
— sentina 340
— taeniographa 340
Myriocarpa cytisi 443
Myxosporium populinum 31
— Ellisii 31, 33, 34

Naemospora 296
Naevoideae 131
Naucoria 451
— jalapensis 363
— mammillata 449
— mexicana 367
— pellucida 449
— xuchilensis 361
Nemaspora ampelicida 436
Nemozythiella 306
Neophoma stellariae Ruppr. 126
Neosphaeropsis 440
Neozythia Petr. 351
— nectrioidea Petr. 351
Nephrospora 288

Ochromonas malhamensis 394, 397
Omphalina fibula 374
— subchrysophylla 357
Ophiodothella fici 342
— floridana 342
— galophila 342
Otthia 337
— elaeagni 352
— hypoxyloides 337
— hypoxylon 337
Oudemansiella canarii 373

Pachylepyrium Sing. 320, 321
— carbonicola (A. H. Smith) Sing. 321
— fulvidula Sing. 321
Panaeolus 354
— campanulatus 361
— sphinctrinus 361
Panus crinitus 373
— rudis var. strigellus 373
Parodiopsis clusiicola Hansf. 44
Patellaria 461
Patellariaceae 461
Paxillaceae 370
Paxillus 76
— involutus 77
— ionipus 76, 78
— lamellirugis 76
— panuoides 76, 77, 78
Penicillium 288
Periconia pycnospora 137
Perisporina lantanae 65
— portoricensis (Stev.) Hansf. 44
Perisporium alneum 88, 89
— lantanae 65
— portoricensis Stev. 44

Pestalozzina Rollandii 433
Phacidiaceae 346
Phacidium 130, 131
— carbonaceum 32
— infestans 346, 347
— pini-cembrae 346, 347
Phaeocollybia attenuata 367
— — ssp. attenuata 367
— — ssp. mexicana Sing. 367
Phaeomarasmius 320
— fulvidula 320, 321
— muricatus 367
Phaeophragmeriella clavispora 67
Phlyctaena 443
— lapparum 350
— malvacearum 350
— pomi 350
— ranunculacearum 350
— vagabunda 347, 348, 350, 443
Pholidotopsis 446
Pholiota 451
— bryophila 449
Phoma 70, 74, 75, 430
— amaranthi 133
— anthemidis Ruppr. 127
— berberidis 72
— cardaminis Ruppr. 128
— dipsacea Vörös 133
— dipsacina 425
— dubia Ruppr. 128
— frigida 134
— Fuckelii 134
— gnidii 430
— herbarum 134
— idaei 134
— insculpta 430
— intermediella 429
— longissima 134
— lycopersici 134
— meliloti 134
— onobrychidis Ruppr. 129
— populea 31
— scabiosae Vörös 134
— scrophularina 426
— serratulae 444
— ulcinjensis 431
— uvicola 436
Phomopsina intermediella (v. H.) Ruppr. 429
Phomopsis 305, 306, 425
— arctii 134
— cordifolia 134
— Delogneana 430
— denigrata 430
Phomopsis oncostoma 432
— pungens 306
Phragmodiscus 465, 466
— arundinariae 465
— himalayensis E. Müll. 464
Phragmodothella 116, 118
— Kelseyi 118
— ribesia 118
Phragmonaevia gigaspora 347
Phyllachora cinnamomi 67
— idahoensis Petr. 342
— leptoderridis 108
— silvatica 343
Phyllachorella 436
— multipunctata 341
— solani 343, 344
Phylloporus 76
— rhodoxanthus 368, 371
Phyllosticta aloides 424
— argillacea 133
— austriaca 426
— betae 133
— castanicola 341
— cordillerana 349
— dentariae 122
— dipsaci 425
— eupatoriicola 122
— hederae 348
— praetervisa 122
— socialis 431
— yunaensis 349
Phyllostictina 436, 440, 444
— cruenta 349
Physalospora Bidwellii 435
Physoperidium 321
Placosphaeria shastensis 350
Plagiorhabdus crataegi 434
— oxycocci 434
Pleospora 345
— baldingerae 344
— bataanensis 344
— chlamydospora 318
— cytisi 443
— herbarum 433
— oligomera 318
— rubicunda 344, 345
Pleuroflammula 320, 321
Pleurophoma arabidis Ruppr. 126
— rubi Ruppr. 431
— socialis (Kab. et Bub.) Ruppr. 431
— ulcinjensis 431
Pleurophomella 294
Pleurostromella 432
— robiniae Ruppr. 432

Pleurotus ostreatus 373
Plowrightia symphoricarpi 118
Pluteus nitens 360
Poecilomyces 288, 289
Polythrincium trifolii 352
Proteophiala Cif. 282, 289
— gibelliana (Mattir.) Cif. 289
— manginii (Vinc.) Cif. 289
— mattiroliana Cif. 289
— oligospora (Petri) Cif. 289
Proteus 335
Pringsheimia sepincola 458
— smilacis E. Müll. 458
Psathyrella sepulchralis 361
Pseudocoprinus disseminatus 373
Pseudodiplodia atropae Ruppr. 432
— lathyri Ruppr. 126
Pseudomassariella vexata 342
Pseudomonas 332
— caudata 334
— fluorescens 334
— punctata 334
Pseudopeziza vaccinii 132
Pseudosphaeriaceae 65
Pseudosphaeriales 70
Psilocybe aztecorum 363
— caerulescens 363
— candidipes 363
— cubensis 363
— mexicana 363
— muliercula 363
Puccinia 313
— Behboudii 277
— Čelakovskyana 274
— centaureae 274
— cousiniae 274
— crucianellae 311, 312, 313
— — var. crucianellae-macrostachyae Petr. 313, 314
— decipiens 274
— frankeniae 275
— Harioti 275
— jurineae 275
— kermanensis 276
— monopora 311
— persica 276
— picridis-strigosae 276, 277
— pimpinellae 277
— plicata 277
— pulvillulata 277, 278
— punctata 274, 278, 311, 314
— santolinae 278
— Scharifii 278
— serratulae-oligocephalae 279
— Sogdiana 279
Puccinia syriaca 311, 312, 313, 314
Pulveroboletus Ravenelii 162
Pyrenochaeta berberidis 72
Pyrrhoglossum 321

Quaternaria Morthieri 344

Ramularia lithospermi 353
Retinocyclus 290
— abietis 292
Rhabdospora 376, 379
— geranii (Rob.) Petr. 326
— kochiae 347
— leucanthemi (Sacc. et Speg.) Petr. 351
— napelli (Speg.) Petr. 376, 377, 378, 379
— pleosporoides 433
Rhytidhysterium 346
Rhytisma pruni E. Müll. 470
Robillarda lathyri Ruppr. 433
Rosenscheldia 342
— caulincola (Rehm) Petr. 342
Ruggieria Cif. 309
— glaucescens (Trab.) Cif. 309, 310
Russula 141, 142, 143, 146
— Sect. Compactae 143
— — Subsect. Archaeinae 143
— — Subsect. Nigricantes 146
— — Subsect. Plorantes 145, 146, 169
— Sect. Decolorantes 151
— Sect. Fragiles 230
— — Subsect. Alutaceinae 255
— — Subsect. Chamaeleontinae 261
— — Subsect. Emeticinae 232
— — Subsect. Integrae 253
— — Subsect. Puellarinae 230
— — Subsect. Rubrinae 257
— — Subsect. Sanguininae 242
— — Subsect. Sardoninae 240
— — Subsect. Sphagnophilae 245
— — Subsect. Urentes 266
— Sect. Ingratae 156, 158, 168
— — Subsect. Crassotunicatinae Sing. 157
— — Subsect. Fistulosinae 156
— — Subsect. Foetentinae 162
— — Subsect. Obtectae 159, 164
— — Subsect. Subvelatae 160, 162
— Sect. Rigidae 170
— — Subsect. Amoeninae 176, 182, 187

Russula Subsect. Cyanoxanthinae 170
— — Subsect. Griseinae 176, 181
— — Subsect. Lepidinae 216
— — Subsect. Lilacinae 199
— — Subsect. Lividinae 175, 176
— — Subsect. Modestinae Sing. 176
— — Subsect. Pusillinae 219, 229
— — Subsect. Virescentinae 176, 193
— — Subsect. Xerampelinae 218
— abietina 142, 247, 249, 250, 251
— admirabilis 227, 261, 262, 263
— adusta 147, 150
— adusta var. albonigra 149
— adusta var. rubens 148, 150
— aeruginea 181
— aeruginescens 173
— alachuana 182, 184, 185, 186, 187, 189, 190, 191, 230
— albella 240
— albida 142
— albidula 240
— albiduliformis 142
— albonigra 147, 149, 150
— Allescheri 266
— alutaeiformis 227
— americana 142, 242
— amoena 184, 189
— amoena var. intermedia 182
— amygdaloides 258, 259
— anatina 182
— anomala 142
— appalachiensis 230, 232
— aquosa 236
— atropurpurea 240
— aurantiolutea 266
— aurora 205
— australirosea 214, 215
— badia 269
— basifurcata 142
— Beardsleei 247
— betulina 247
— Blackfordiae 232, 249, 250, 251, 252, 253
— brunneola 173, 176
— Burlinghamiae 156
— caucasica 232
— cessans 265, 266
— chlorinosma 193, 195, 197
— chrysodacroides 142
— compacta 142, 157, 158, 193
— consobrina 166, 176
— — var. minor 166
— — var. pectinata 166
— — var. pectinatoides 164
Russula crassotunicata 157, 158, 242
— cremea 200
— crenulata 236
— cristulispora 251, 252
— crustosa 173, 179, 197, 198, 199
— cyanoxantha 172, 173, 177, 189, 197, 201
— — var. cyanoxantha 171, 172, 173, 175
— — var. variata f. minima 172
— cystidiosa 228, 229
— Dadmunii 256
— decolorans 153, 154
— delica 145, 146, 147, 148, 150, 372, 373
— depallens 243
— diaboli Sing. 270
— disparilis 245
— dura 191, 193
— eccentrica 146
— echinospora 245, 246
— elongatipes 262, 264
— emetica 234, 237
— — ssp. aquosa 236, 238
— — ssp. emetica 234
— — ssp. emeticella Sing. 234, 235, 236, 238
— — f. fagetorum 236
— — ssp. fragilis 238
— — f. gregaria 235
— — ssp. lacustris 232, 236
— — f. pinetorum 236
— — f. silvestris 235
— emeticiformis 232, 234
— exalbicans 243
— fallax 142, 238
— fellea 241
— — ssp. simillima 142
— Ferreri 181
— ferrotincta 142
— fistulosa 158
— flava 153, 255
— flavida 190, 193
— flaviceps 254, 255
— flocculosa 173
— floridana 218, 219
— foetens 160, 161, 162, 163, 269
— — var. granulata 159, 160
— fragiliformis 238
— fragilis var. carminea 236
— fragiloides 235
— fuegiana 146
— furcata 172
— furcatifolia 151, 152

Russula fusca 247
— gracillima 240
— gracilis 240
— granulata 159, 162, 163
— glaucescentipes 179, 187, 202
— heterospora 173, 177, 197, 201
— — var. cremea 200
— heterosporoides 196, 197
— hibbardiae 187
— Hixonii 208, 209, 212
— humidicola 142, 227, 255
— incarnaticeps 219, 221
— inconstans 203
— insignis 156
— insignita 156
— integra 227, 254
— lateritia 266
— laurocerasi 162, 163
— — var. foetens 162
— — var. laurocerasi 162
— lepida 208, 230
— lepidiformis 207, 208, 211
— leucomodesta Sing. 176, 178, 187
— levispora 191, 193
— levisporiformis 191, 193
— levyana 218, 219
— lilacipes 169
— livescens var. depauperata 164
— lividirosea 229, 230
— Lundellii 269
— lutea 258, 259
— — var. subcristulata 259
— luteobasis 206
— luteotacta var. rosacea 243
— lutescentifolia 191, 193
— macropoda 268, 269
— maculosa 193
— Mariae 184, 185, 191
— — var. flavida 190
— — var. subflavida 191, 193
— mallophora 204
— maxima 142, 181
— melliolens 142
— mesospora 269
— modesta 176, 179, 181
— mordax 142
— Murrillii 255, 256
— mutabilis 160, 162
— nauseosa 225, 266
— neglecta 266
— nigricans 147
— — ssp. eccentrica (Peck.) Sing. 146
Russula nothofaginea 217
— obtecta 159
— occidentalis 155
— ochroleucoides 191, 193
— ochrophylla 262
— olivacea 192
— operta 221, 226, 232
— ornaticeps 181
— paludosa 248
— palumbina 181
— palustris 242, 243
— pantoleuca 234, 239, 240
— parazurea 181, 197
— Peckii 142, 217
— pectinata 162, 166, 168, 169, 372
— pectinatoides 162, 164, 166, 168, 169
— perlactea 232, 234
— perplexa 216, 217
— pervirginia 232, 234, 240
— persobria 142
— pinophila 221, 225, 226, 227
— placita 142, 249
— polycystis 142
— praeformosa 190
— praefragilis 262, 263, 264
— praepalustris 221, 225, 226, 227
— praerubriceps 218, 219
— praetenuis 204, 205, 206
— praetervisa 269
— pseudofoetens 269
— pseudolepida 142
— puellaris 232
— pulchella 242, 243
— pulchra 204, 212, 213
— pulverulenta 142, 162
— punctata 255, 256, 257
— pusilla 221, 225, 227, 228, 229, 230, 372
— Queletii 241, 242
— Robinsoniae 241, 242
— rosacea 243
— roseipes 258, 259
— — ssp. dictyospora 142, 257, 258
— — ssp. roseipes 257
— — ssp. thermophila Sing. 257
— roseitincta 211, 212
— rubescens 155
— rubriceps 142
— rugulosa 236
— sanguinea 243
— senecis 163
— sericeonitens 216
— serotina 251

Russula simillima 142
— simulans 170, 173
— Smithii 142
— sordida 149
— sororia 166, 168
— sphagnophila 232, 247, 248, 249, 250
— — var. americana 247
— — var. europaea 247
— — var. heterosperma 249
— — var. subheterosperma 249
— — var. subingrata 232, 249
— subacris 232
— subalbidula 240
— subalutacea 142
— subcyanoxantha 182, 184
— — var. olivacea 181
— subdensifolia 152, 153
— subflava 152
— subfloridania 212
— subfragiliformis 228, 229
— subglauca 194, 195
— subgranulosa 212, 213
— subincarnata 187, 189
— subinconstans 203
— subluteobasis 262, 263, 264
— subobscura 153, 154
— subochroleuca 191, 193
— subpusilla 227, 228
— subsericeonitens 151, 152
— subveternosa 142
— subviridella 182, 184
— tennesseensis 142
— tenuiceps 259, 260, 269
— testaceipes 262
— tuberculata 187, 189
— turci 266
— uncialis 204, 205, 206, 226
— variata 170, 171, 173
— variegata Sing. 186
— variicolor 189, 190
— venosa 248
— ventricosipes 142, 162
— versicolor 250, 252
— vesca 173, 176
— vesicatoria 145
— vinacea 142, 240
— vinosa ssp. occidentalis 155
— vinosirosea 215
— violeipes 184
— virescens 196, 198
— Westii 199, 201, 202
— xerampelina 219, 229
— — var. microsperma 219
Russula xerampelina var. quercetorum 219
— — var. semirubra Sing. 218
Russulaceae 372

Saccothecium 459
— corni 459
— sepincola 459
Sarcina 335
Scleroderma aurantium 225
Scleroderridoideae 290
Scleroderris 290
— Lagerbergii 293
— laricina 293
Sclerozythia nectrioidea 351
Scopulariopsis 287, 288
Secotium aurantiacum 321
— tenuipes 321
Selenophoma 441, 443, 444, 445
Selenophomopsis juncea 443
Septocyta 140
Septogloeum 445
Septomyxa 32
Septoria 375, 376, 379
— aconiti 375
— chrysanthemella 351
— chrysanthemi 351
— convolvuli 135
— cornicola 135
— Daniloi 323, 326
— digitalis 135
— ebuli 135
— expansa 323, 324
— fuscomaculans 375
— geranii 323, 325, 326
— geranii-nodosi 323, 325, 326
— — var. geranii-columbini 323, 325
— geranii-pratensis 323, 326
— geranii-sanguinei 324, 326
— glaucescens 308, 309
— leucanthemi 351
— lycoctoni 375, 377, 378
— — var. macrospora 375, 378
— — var. sibirica 375
— napelli 375, 376
— scabiosicola 135
— verbenae 425
— vulpariae 375, 378
Serpula 78
Siroplacodium 317, 318
— atrum 317
— longisporum Petr. 317, 318
— shastense (Sprague et W. B. Cooke) Petr. 350
— umbelliferarum 317

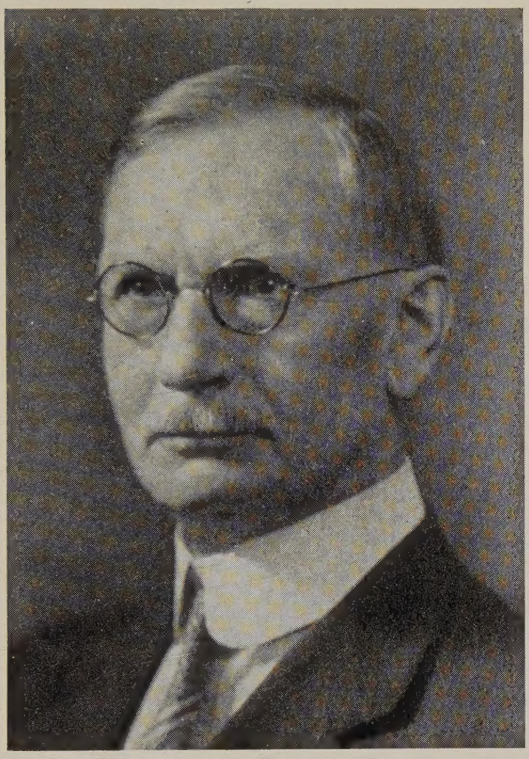
Sphaerella 436, 437
— adusta 87
— alni 89
— effusa 87
— epilobii 86
— genistae-sagittalis 443
Sphaeria apiculata 34
— Bidwellii 435
— inusta 470
— janus 340
— laburni 75
— microspila 86
— podagrariae 340
— sepincola 459
— spartii 73
— systema solare 80
— uberiformis 292
Sphaeronema 296
Sphaeropezia 130
— alpina 130, 131
— vaccinii 130, 131, 132
Sphaeropsis geniculata 433
— parasitans 337, 338
Spicaria 287, 288
Spilomyces swartziae 351
Spilosticta Adeana 82, 83
— epilobii 85
— maculaeformis 86
Stachybotrys atra 137
— lobulata 137
Stagonospora Huszii Vörös 135
Steganosporium Bubakianum 351
— utahense 352
Stictis 283
— panizzei 283
Stigmatea 345
— alni 87, 88
— grewiae 345
— maculaeformis 86
Stomatogene agaves 69
— yuccae Hansf. 68
Strasseria carpophila 352, 434
— geniculata 433, 434
— lycopodina 434
— Petrakii 434
Streptomyces 398
— aurofaciens 391
— griseus 389, 401, 402, 405, 406, 408, 411, 414
Strickeria tingens 345
Strobilomyces confusus 370
— floccopus 372
Strobilomycetaceae 372
Stropharia coronilla 373
Stropharia melanosperma 373
— semiglobata 363, 374
Strophariaceae 321, 363
Stysanus 287
— stemonites 287
Suillus piperatus 374

Thyridium Spraguei 345, 346
Thyrostroma astragali 352
— utahense (Sacc.) Petr. 352
Thyrostromella elaeagni (Jacz.) Petr. 352
Topospora uberiformis 292
Torula oleae 282
Trichasterina calophylli Hansf. 45, 63
Trichoderma Koeningii 136
— lignorum 136
Tricholoma albobrunneum 136
— stans 356, 357
Tricholomataceae 355
Tricholomopsis rutilans 374
Trichometasphaeria 462
Tryblidaria 460
— lonicerae E. Müll. 460
Tryblidiella 290, 346
— elevata 294
— fusca 294
— hysterina 293
— rufula 294
Tryblidiopsis 290
— pinastri 293
Tryblidiopycnis pinastri 293
Tubaria pentstemonis Sing. 368
Tylopilus felleus 373
Tympanis 290
— abietis 292
— hypopodia 294

Uredinales 354
Uromyces acantholimonis 280
— caryophyllinus 280
— ononidis 280
— polygoni 280
— salsolae 281

Valsa eunomia 305
Venturia 79, 88
— allii 83
— alnea (Fr.) Müll. 89
— anemones 82
— antherici 83
— asteromorpha (Lib.) Müll. 86
— chlorospora 89, 90

Venturia Clintonii 80, 81
— corni Müell. 81
— ditricha 89
— epilobii 85, 86
— inaequalis 79, 89
— Johnstonii 85, 86
— maculaeformis 84, 85, 86
— palustris 89
— potentillae 82, 89
— rosae 79
— rumicis 85
— systema solare 80
— ulmi Müll. 90
Vestergrenia 454, 455
— achyranthis 456
Vestergrenia Bosei E. Müll. 456
— heterostemmae 456
— micheliae 456
— nervisequia 343
— sacrococcae E. Müll. 454

Wettsteinina macrospora (Wehm.) Petr. 341

Xeromphalina campanella 374
Xerula chrysopepla 357
Xylaria 466
Xylogramma 443
— caulincolum 443.